## product index

FOR YOUR CONVENIENCE all products appearing in this issue of MicroWaves are categorized below with their page and reader service numbers. For more information, check the Reader Service No. on the card opposite this page. (NL) New Literature; (A) Advertisements; (AN) Application Notes. Not appearing are those received at a later date.

BSN

| Amplifiers  |   |  | flexible assemb   |
|---|---|--|---|
| 1 kW cavity (A)   | 97  | 66   | precision adap  |
| 2-12 GHz FET (NP)   | 99  | 141  | waveguide ass   |
| GaAs FET (A)  | 12, 13  | 10   | waveguide con   |
| high efficiency TWTA (NP)   | 98  | 136  | wire/cable cat  |
| linear amplifier (NP)   | 99  | 137  |   |
| linear UHF (NP)   | 98  | 135  |   |
| low-noise (NP)  | 99  | 138  | Ferrite Compo   |
| slide rule calculator (AN)  | 95  | 110  | phase shifters/   |
| tunnel/Gunn diode (NP)  | 99  | 140  | priase siliters/  |
| TWTAs (A)   | Cover 4   | 64   |   |
| ultra-low noise (NP)  | 99  | 139  |   |
|   |   |  | Filters   |
|   |   |  | airborne UHF  |
|   |   |  | filter capability   |
| Antennas  |   |  | high-power, Ul  |
| mobile 900-MHz (NP)   | 00  | 4.40   | SAW (A)   |
| mobile 900-MHZ (NP)   | 99  | 142  |   |
| UHF communications (A)  | 101   | 57   | waveguide type  |
| UHF communications (A)  Attenuators   | 101   | 57   | waveguide type  |
| UHF communications (A)  Attenuators fixed (A)   | 101   | 26   | Materials   |
| UHF communications (A)  Attenuators fixed (A) fixed coaxial (A)   | 44, 45<br>99  | 26<br>55   | Materials conductive coaconductive pla  |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A)   | 44, 45<br>99<br>95  | 26<br>55<br>52   | Materials. conductive coaconductive pla   |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A) fixed coaxial (A) fixed and variable (A)  | 44, 45<br>99<br>95<br>82                                  | 28<br>55<br>52<br>44                                   | Materials. conductive coaconductive pla   |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A) fixed and variable (A) miniature step (A)   | 44, 45<br>99<br>95<br>82<br>103                           | 26<br>55<br>52<br>44<br>58                             | Materials. conductive coaconductive pla   |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A) fixed coaxial (A) fixed and variable (A) miniature step (A) SMA (A)   | 44, 45<br>99<br>95<br>82<br>103<br>36, 37                 | 26<br>55<br>52<br>44<br>58<br>20                       | Materials<br>conductive cor<br>conductive pla<br>contact strips/<br>vinyl moldings  |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A) fixed coaxial (A) fixed and variable (A) miniature step (A) SMA (A) step (A)  | 44, 45<br>99<br>95<br>82<br>103<br>36, 37<br>76, 77       | 26<br>55<br>52<br>44<br>58<br>20<br>40, 41             | Materials conductive corductive pla contact strips/ vinyl moldings  |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A) fixed coaxial (A) fixed and variable (A) miniature step (A) SMA (A)   | 44, 45<br>99<br>95<br>82<br>103<br>36, 37                 | 26<br>55<br>52<br>44<br>58<br>20                       | Materials conductive cor conductive pla contact strips/ vinyl moldings  Mixers broadband (A)  |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A) fixed coaxial (A) fixed and variable (A) miniature step (A) SMA (A) step (A)  | 44, 45<br>99<br>95<br>82<br>103<br>36, 37<br>76, 77       | 26<br>55<br>52<br>44<br>58<br>20<br>40, 41             | Materials conductive cor conductive pla contact strips/ vinyl moldings  Mixers broadband (A) double-balance                               |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A) fixed coaxial (A) fixed and variable (A) miniature step (A) SMA (A) step (A)  | 44, 45<br>99<br>95<br>82<br>103<br>36, 37<br>76, 77       | 26<br>55<br>52<br>44<br>58<br>20<br>40, 41             | Materials conductive pla contact strips/ vinyl moldings  Mixers broadband (A) double-balance double-balance                               |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A) fixed coaxial (A) fixed and variable (A) miniature step (A) SMA (A) step (A) attenuator/switch (A)  | 44, 45<br>99<br>95<br>82<br>103<br>36, 37<br>76, 77       | 26<br>55<br>52<br>44<br>58<br>20<br>40, 41             | Materials conductive coa conductive pla contact strips/ vinyl moldings  Mixers broadband (A) double-balance double-balance low distortion |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A) fixed coaxial (A) fixed and variable (A) miniature step (A) SMA (A) step (A) attenuator/switch (A)  Cables and Connectors   | 44, 45<br>99<br>95<br>82<br>103<br>36, 37<br>76, 77<br>83 | 26<br>55<br>52<br>44<br>58<br>20<br>40, 41<br>45       | Materials conductive pla contact strips/ vinyl moldings  Mixers broadband (A) double-balance double-balance                               |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A) fixed coaxial (A) fixed and variable (A) miniature step (A) SMA (A) step (A) attenuator/switch (A)  Cables and Connectors APC-7 to SMA jack adapte                          | 44, 45<br>99<br>95<br>82<br>103<br>36, 37<br>76, 77<br>83 | 26<br>55<br>52<br>44<br>58<br>20<br>40, 41             | Materials conductive coa conductive pla contact strips/ vinyl moldings  Mixers broadband (A) double-balance double-balance low distortion |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A) fixed coaxial (A) fixed and variable (A) miniature step (A) SMA (A) step (A) attenuator/switch (A)  Cables and Connectors APC-7 to SMA jack adapte 3.5-mm coaxial connector | 44, 45<br>99<br>95<br>82<br>103<br>36, 37<br>76, 77<br>83 | 26<br>55<br>52<br>44<br>58<br>20<br>40, 41<br>45       | Materials conductive coa conductive pla contact strips/ vinyl moldings  Mixers broadband (A) double-balance double-balance low distortion |
| Attenuators fixed (A) fixed coaxial (A) fixed coaxial (A) fixed coaxial (A) fixed and variable (A) miniature step (A) SMA (A) step (A) attenuator/switch (A)  Cables and Connectors APC-7 to SMA jack adapte                          | 44, 45<br>99<br>95<br>82<br>103<br>36, 37<br>76, 77<br>83 | 26<br>55<br>55<br>52<br>44<br>58<br>20<br>40, 41<br>45 | Materials conductive coa conductive pla contact strips/ vinyl moldings  Mixers broadband (A) double-balance double-balance low distortion |

| Category  | Page       | RSN       | Category                    |
|---|------------|-----------|-----------------------------|
| flexible assemblies (A)                           | 101        | 61        | Oscillators_                |
| precision adapters (A)                            | 49         | 30        | fast acquisit               |
| waveguide assemblies (NL)                         | 102F       | 115       | Gunn (NL)                   |
| waveguide components (NL)                         | 102F       | 116       | source cata                 |
| wire/cable cat (NL)                               | 102        | 157       | voltage-con                 |
| Ferrite Components                                |            |           | Passive Co                  |
| phase shifters/dividers (A)                       | 69         | 36        | component<br>couplers an    |
|   |            |           | directional                 |
| Filters   |            |           | directional double-ridge    |
| airborne UHF multicouplers (A                     |            | 38        | hybrid cour                 |
| filter capability (NL)<br>high-power, UHF/VHF (A) | 102F<br>94 | 119<br>50 | inductor ch                 |
| SAW (A)   | 39         | 22        | microwave                   |
| waveguide types (A)                               | 98F        | 54        | packages                    |
| managaman types (t.)                              | 001        | •         | phase shifte<br>power divid |
| Materials   |            |           | power divid                 |
| conductive coatings (NL)                          | 102        | 155       | RF transfor                 |
| conductive plastic gaskets (N                     |            | 154       | SMA termin                  |
| contact strips/rings (A)<br>vinyl moldings (NP)   | 62<br>101  | 33<br>149 | termination                 |
| villy molalings (I4F)                             | 101        | 143       | trimmer cap<br>trimmer cap  |
| Mixers  |            |           | waveguide                   |
| broadband (A)                                     | 63         | 34        |                             |
| double-balanced (A)                               | 91         | 48        | Semicondu                   |
| double-balanced (A)                               | 40, 41     | 23        | MIC device                  |
| low distortion (A)                                | 2, 3       | 5         | microwave                   |
| toroidal (A)                                      | 72         | 37        | (NL)                        |
|   |            |           | RF semicor<br>products      |
| Optical Components                                |            |           |                             |
| electro-optical modulators (Ni                    | P) 100     | 143       |                             |
|   |            |           | Solid-State comb gene       |

| fast acquisition sources (NL)                             | 102F           | 123        |
|---|----------------|------------|
| Gunn (NL)   | 102F           | 114        |
| source catalog (NL)                                       | 102            | 156        |
| voltage-controlled (NL)                                   | 102F           | 117        |
|   |                |            |
| Passive Components  |                |            |
| component catalog (A)                                     | 46             | 27         |
| couplers and hybrids (NP)                                 | 98             | 128        |
| directional coupler (NP)                                  | 98             | 131        |
| directional couplers (A)                                  | 74, 75         | 39         |
| double-ridge signal samplers                              | (NP) 98        | 130<br>56  |
| hybrid coupler (A)<br>inductor chips (NP)                 | 100<br>98      | 127        |
| microwave bonded  | 30             | 121        |
| packages (NL)   | 102F           | 121        |
| phase shifters (A)  | Cover 3        | 63         |
| power dividers (A)  | 15             | 67         |
| power dividers (A)  | 92AA           | 49         |
| power splitters (A)<br>RF transformers (A)                | 66, 67<br>87   | 35<br>47   |
| SMA terminations (A)                                      | 80             | 43         |
| terminations (NP)   | 98             | 129        |
| trimmer capacitors (NL)                                   | 102            | 158        |
| trimmer capacitors (NL)<br>trimmer capacitors (A)         | 48             | 29         |
| waveguide specialties (A)                                 | 78             | 42         |
|   |                |            |
| Samiconductors  |                |            |
| Semiconductors MIC devices (NL)                           | 102F           | 118        |
| microwave semiconductors                                  | 1021           | 110        |
| (NL)  | 102F           | 124        |
| RF semiconductor  |                |            |
| products (NL)   | 102F           | 125        |
|   |                |            |
| Salid State Components                                    |                |            |
| Solid-State Components<br>comb generators (A)             | 84, 85         | 46         |
| integrated subassemblies (A                               | ) 47           | 28         |
|   | ,              |            |
|   |                |            |
| Switches  | 444            | 450        |
| electronic (NL)   | 102            | 159        |
| RF (A)  | 105<br>102F    | 59<br>120  |
| waveguide (NL)  | 1021           | 120        |
|   |                |            |
| Systems and Subsystems                                    |                |            |
| ground communication                                      |                |            |
| equipment (A)   | 92BB           | 70         |
| high-power generators (A)                                 | 96             | 53         |
| microwave devices (NL)                                    | 102<br>102F    | 152<br>126 |
| signal processing (NL)                                    | 1021           | 120        |
|   |                |            |
| Terminations  |                |            |
| waveguide loads (A)                                       | 94             | 51         |
|   |                |            |
| Total Paulous - 1   |                |            |
| Test Equipment  | (A) 7          | 7          |
| bus-comparable generator (<br>EMI metering module (NP)    | 100            | 145        |
| frequency counter (NP)                                    | 101            | 147        |
| high-voltage pulser (NP)                                  | 100            | 144        |
| measurement of SWR and                                    |                |            |
| return loss (AN)  | 95             | 112        |
| mm-wave sweep generator<br>network analyzer (A)           | (A) 35         | 19         |
| network analyzer (A)                                      | 22, 23         | 14         |
| programmable sweeper (A)                                  | 30             | 17         |
| radio-repeater analyzer (NL)<br>SAW spectrum analyzer (AN | I) OF          | 160<br>111 |
| signal generator (A)                                      | 50 51          | 31         |
| TACAN tester (NP)   | 50, 51<br>100  | 146        |
| telecommunications equipm                                 |                |            |
| (NL)  | 102            | 151        |
| test system for data-link                                 | 404            | 440        |
| bit error rates (NP)<br>transceiver test system (A)       | 101            | 148        |
| VHF/UHF autotester (A)                                    | 18<br>921      | 68         |
| (5111 451010101 (11)                                      | OL!            | 00         |
|   |                |            |
| Transistors   |                |            |
| 1.2 W @ 12 GHz (A)  | 43             | 25         |
| bipolar chip (NP)<br>GaAs FET (A)                         | 101<br>Cover 2 | 150<br>65  |
| MADO LETTO  | COAGI C        | 0.3        |

Page

RSN



READER SERVICE NUMBER 62

10 102 102F

161

GaAs FET (A) low-noise (NL)

transistor guide (NL)